

Phospho-SIRT1 (Thr530) Rabbit pAb

db1518

Package : 20μL 50μL 100μL

Product Name : Phospho-SIRT1 (Thr530) Rabbit pAb**Cat.No.:** db1518**Synonyms** : SIR2; SIR2L1; SIR2alpha**Application** : WB**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class I of the sirtuin family. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2008]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Thr530 of human SIRT1

Gene ID

23411

Swiss Prot

Q96EB6

Synonyms

SIR2; SIR2L1; SIR2alpha

Reactivity

Human

Application

WB

Recommended dilution

WB: 1:1000

Calculated MW

82 kDa

Observed MW

120 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.